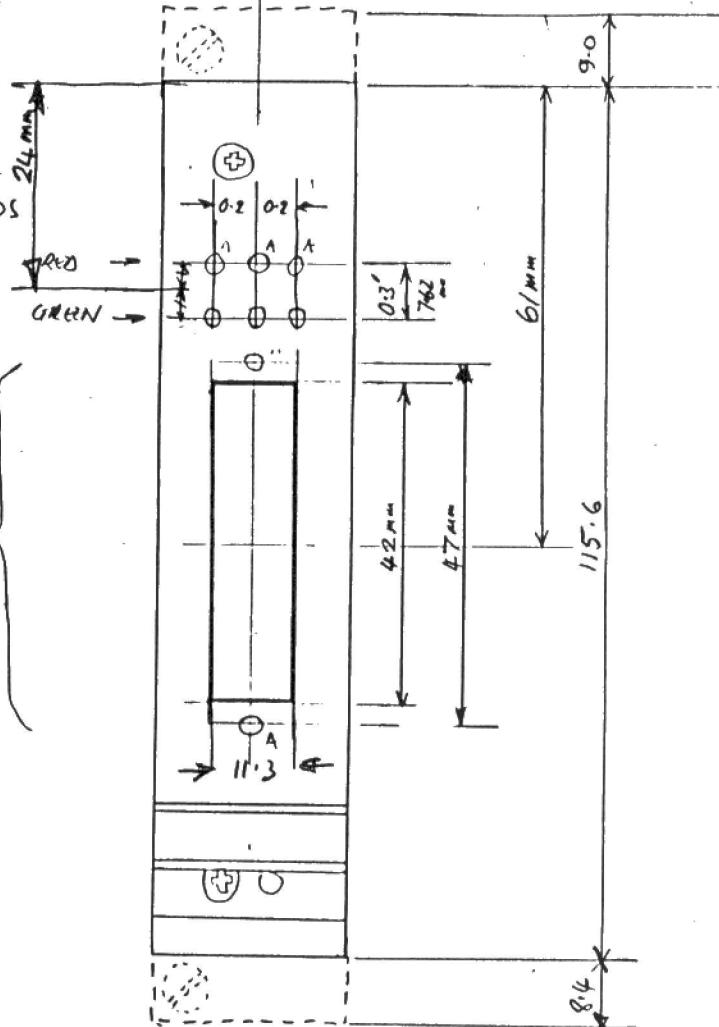


DSR	RTS	TAD
CD		
DTR	CTS	RxD

FEATURES NOT DIMENSIONED  
ARE PRESENT ON THE  
STANDARD 3 INCH METAL  
FRONT PANEL

HOLDS FOR OPTIONAL LEDS

HOLDS FOR 25WAY  
IDC 'D' CONNECTOR



A holes  $\frac{1}{8}$ " (or to suit LED)

Note hole 11.3 x 42.0 mm

NOTE: THE SOLID CARD FRONT  
OUTLINE SHOWS THE "NEW TYPE"  
FRONT PANEL; THE DOTTED  
EXTENSIONS SHOW THE ORIGINAL  
(RS) TYPE FRONT PANEL.

AMENDED 12/88.

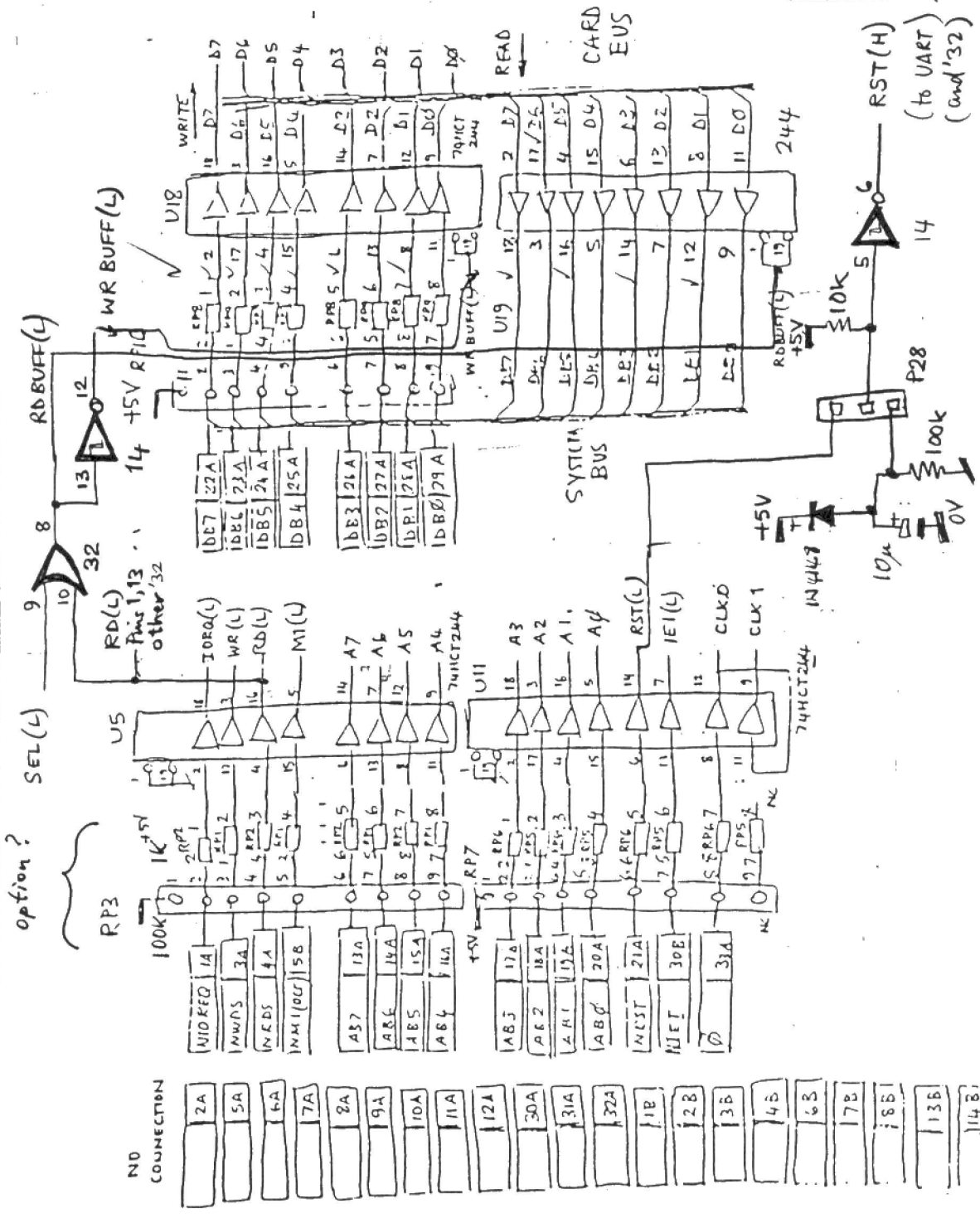
Drwn JHP

Date 15-9-89

Scale N.T.S

**Greenbank Electronics**

DRILLING DETAILS  
COM15 FRONT PANEL.



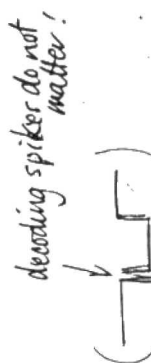
SHEET 2

(SHEET 1 IS BLOCK DIAGRAM)

(SHEET 1 NOT DRAWN YET.)

25/10/88

COMS-3



Revised 25/10/88

CONS-3  
DMP 13/9/88 ✓





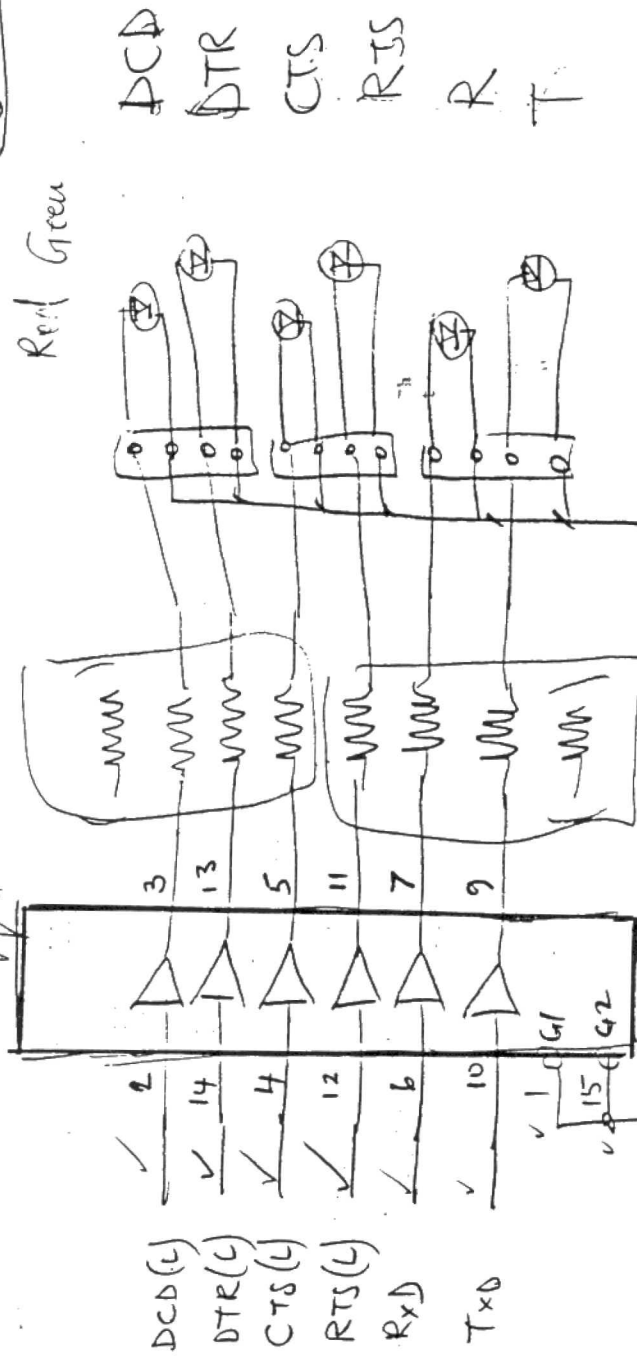
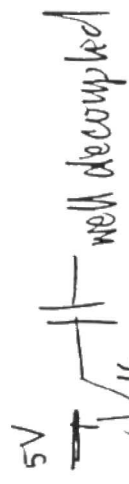
Revised 25/10/88

COMS-3 13/9/88

(\* = were not fitted on prototype)

WANT	DCR	CTS	RxD
	DSR	O	O
	DTR	RTS	TxD
	②	①	①

Red  
Green  
Red Green



Resistor packs 330Ω

separate packs  
W = 7.1V x 10  
20mA ea for RED + Green!

SHEET 6  
COMS 3  
DMF.  
14/9/88



25/2/89  
SHEET 7

COMPONENT PRICE LIST FOR XCOMS-3 CARD List Ref: XCOMS-3/P1  
(Prices exclude VAT) 25th February 89

Resistors (0.25W and SIL)		
CR254K7	8 R..	£ 0.02 0.16
CR251K0	4 R..	£ 0.02 0.08
CR2510K	3 R..	£ 0.02 0.06
CR25100K	5 R..	£ 0.02 0.10
SIL Resistors (Use Sockets)		
SIL4-1K0	6 RP..(4 x 1k0)	£ 0.26 1.56
SIL8-330R	2 RP..(8 x 330R)	£ 0.26 0.52
SIL8-100K	4 RP..(8 x 100K)	£ 0.26 1.04
	32 Resistor Pack RXCOMS3	3.52 3.52

Capacitors		
("MAL" = Low Leakage Miniature Aluminium Electrolytic; "CER" = Ceramic; "DEC" = 47n-100n Decoupling Grade Polyester, or Ceramic.)		
DEC	15 C..	£ 0.09 1.35
MAL10U	1 C..	£ 0.09 0.09
MAL22U	3 C..	£ 0.09 0.27
	18 Capacitor Pack CXCOMS3	1.71 1.71

Diodes		
1N4148	1 CR..	£ 0.04 0.04
1N400X	3 CR..	£ 0.06 0.18
RLED3	3 CR..	£ 0.10 0.30
GLED3	3 CR..	£ 0.12 0.36
	10 Diode Pack DXCOMS3	0.88 0.88

Quartz Crystals		
Y1	1 * 5.068800MHz	£ 1.90 1.90
	1 Quartz Crystal Pack YXCOMS3	1.90 1.90

\* use 5.068800 MHz with 8116 no suffix  
Use 4.915200 MHz with 8116-005

Integrated Circuits  
NOTE CMOS Bus Systems: Replace U., U., U. with HC244. Replace U. with HCT244 if NMOS SIO/DART used, replace U. with HC244 if CMOS SIO/DART used.

HC14	(14) 1 U..	£ 0.20 0.20
HC32	(14) 2 U..	£ 0.25 0.50
HC74	(14) 1 U..	£ 0.30 0.30
HC139	(16) 1 U..	£ 0.40 0.40
HC173	(16) 4 U..	£ 0.40 1.60
HC244	(20) 1 U..	£ 0.80 0.80
HC366	(16) 1 U..	£ 0.49 0.49
74LS244	(20) 1 U..	£ 1.08 1.08
HC688	(20) 1 U..	£ 1.25 1.25
8116	(18) 1 U..	£ 5.50 5.50
145406	(16) 1 U..	£ 1.89 1.89
HCT244	(20) 3 U..	£ 0.80 2.40
AY-3-1015 (40)	1 U..	£ 3.75 3.75
	18 Interated Circuit Pack ICXCOMS3	20.16 20.16

list continues on next page

XCOMS-3 COMPONENT PRICE LIST continued List Ref: XCOMS-3/P1  
(Prices exclude VAT)

DIL Switch		
DILSW8	1 S1	£ 1.50 1.50
	1	1.50 1.50
DIL and SIL Sockets		
SCON9	6 RP..	£ 0.06 0.36
SCON8	6 RP..	£ 0.06 0.36
DIL14	4 U..	£ 0.10 0.40
DIL16	7 U..S1	£ 0.10 0.70
DIL18	1 U..	£ 0.16 0.16
DIL20	6 U..	£ 0.22 1.32
DIL40	51 U..	£ 0.30 3.60
	DIL & SIL Socket Pack SKXCOMS3	

0.1" Pitch Pin Assemblies		
PINASY3	30 P..	£ 0.11 3.30
PINASY4	3 P..	£ 0.14 0.42
	33 Pin Assembly Pack PNXCMS3	3.72 3.72

Sundry		
JLINK	30 JL1-30	£ 0.20 6.00
IDCPSLP20	1 J1 20 way IDC low prof	£ 1.10 1.10
	Sundry Pack SYXCOMS3	7.10 7.10

Total cost of all parts listed so far PXCOMS3  
list continues on next page

40.37



XCOMS-3 COMPONENT PRICE LIST continued List Ref: XCOMS-3/P1  
(Prices exclude VAT)

OPTIONS (ie Items not included in standard kit of parts) (Prices each exclude VAT)	
XCOMS-3 Bare Board (Not Available Yet, Build Using DIP-1 Board) BDIP1	10.75
1" Card Front Kit, inc fixing and mtg. brackets	
new type	CF1 2.99
original type (RS)	OCF1 4.22
25 way 'D' Socket (solder bucket) metal	D25S 1.68
25 way 'D' Plug (solder bucket) metal	D25P 0.98
25 way 'D' Plastic Hood with screw jacks (do not suit IDC connectors)	
IDC 25 way 'D' Socket metal	D25CP 1.68
IDC 25 way 'D' Plug metal	IDCD25S 3.25
Pair of female Screwlock assemblies for fastening metal 'D' connectors to front panels	IDCD25S 2.98
Pair of male Screwlock assemblies for retaining cable mounted IDC metal 'D' connectors	DSL8 0.55
20 way IDC female connector	DSLM 1.12
20 way IDC grey ribbon cable (per metre)	IDCF20 1.70
	IDCR20 1.69

Add 50p handling charge to each transaction, and 15%

#### PROTO-TYPING

IF 'LS' IS USED INSTEAD OF 'HC' THE CMOS INPUT PROTECTION  
RESISTORS CAN BE OMITTED.

SIMILARLY AS NO PRESENT SOFTWARE USES THE SOFTWARE SELECTABLE  
BAUD RATES THESE COMPONENTS MAY ALSO BE OMITTED.

AND IF THE STATUS LEDS ARE NOT REQUIRED THE COMPONENTS MAY ALSO  
BE OMITTED.

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Rock Ferry, Birkenhead  
Merseyside. L42 2AE

Telephone:- 051-645 3391

ACCESS and VISA welcome